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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/764,923 | 01/26/2004 | Victor A. Quattrini | 639-011497-US (PAR) | 9635 |
| 23990 | 7590 | 06/12/2008 | | |
| DOCKET CLERK P.O. DRAWER 800889 DALLAS, TX 75380 | | | EXAMINER HAGEMAN, MARK | |
| | | | ART UNIT | PAPER NUMBER |
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

| | | | |
|------------------------------|--------------------------------------|---|--|
| Office Action Summary | Application No. 10/764,923 | Applicant(s) QUATTRINI ET AL. | |
| | Examiner Mark Hageman | Art Unit 3653 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 April 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 8 is/are allowed.
- 6) ☒ Claim(s) 1,4,5,9 and 10 is/are rejected.
- 7) ☒ Claim(s) 2, 3, 6, and 7 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, 5, and 10 are rejected under 35 U.S.C. 102(b) as being anticipated by US 1,347,179 to Schnitzspahn. Schnitzspahn discloses:

a device for manually loading coins in a coin canister of a coin dispenser, the canister having a series of tubular receptacles (6 area defined by lugs) for holding a stack of coins, the device comprising:

a stand (7) constructed to receive the coin canister and secure the coin canister in a loading position;

a funnel (1) having a body portion and a spout portion mounted for sliding movement on the coin canister along the series of tubular receptacles for alignment in a first position with a first one of the series of tubular receptacles and for alignment in a second position with a second one of the series of tubular receptacles, the funnel body having an opening (figure 1 and p1 lines 31+) to

allow the insertion of coins and an internal coin passage constructed to provide a flow path for the coins to pass into the coin canister receptacles in a metered flow through an exit (3 and p1 lines 39+) constructed in the spout, wherein the funnel is constrained from sliding movement in at least one of the first position and the second position.

Examiner contends that the areas defined by lugs 6 are capable of holding more than one coin and would do so if the coins were relatively thin compared to the lugs and the slit. US 992,963 discloses a similar device and discusses a similar situation on page 1 lines 60+. Regarding, "wherein the funnel is constrained from sliding movement in at least one of the first position and the second position," examiner contends that this language is functional and the funnel of Schnitzspahn is fully capable of being constrained in the claimed manner, see MPEP 2114. Claiming the structure that provides the constraining function or possibly two vertical positions of the funnel, one in which it can slide relative to the receptacles and another lower position in which it is positively engaged with a receptacle and therefore constrained may likely overcome this rejection.

-Regarding claim 5- Schnitzspahn discloses a device, according to claim 1, wherein the stand is constructed having features which engage the tubular receptacles of the canister to square off the tubular receptacles and assist the seating of the coins as the coins are loaded therein (figure 1 top surface).

-Regarding claim 10- Schnitzspahn discloses, a device for manually loading coins, according to claim 1, wherein the stand is constructed to receive the canister and hold the canister angled from the vertical (figure 2).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Schnitzspahn in view of Perkitny. Schnitzspahn discloses all the limitations of the claim except a ramp extending transverse to the coin passage to divide the coin passage into an upper stage and a lower stage to elongate the path by which the coins pass through the funnel, thereby encouraging a metered flow of coins through the funnel. Perkitny discloses a ramp (216) extending transverse to the coin passage to divide the coin passage into an upper stage and a lower stage to elongate the path by which the coins pass through the funnel, thereby encouraging a metered flow of coins through the funnel (para 0069 lines 3-5) to reduce the likelihood of jamming (para 69 lines 4+).

It would have been obvious to one of ordinary skill in the art at the time of the applicants' invention to have modified Schnitzspahn to include a ramp extending transverse to the coin passage to divide the coin passage into an upper stage and a

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lower stage to elongate the path by which the coins pass through the funnel, thereby encouraging a metered flow of coins through the funnel, as taught by Perkitny, to reduce the likelihood of jamming.

4. Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Schnitzspahn in view of Yamaguchi. Schnitzspahn discloses all the limitations of the claim except, brackets constructed to receive said coin loading device for storage. Yamaguchi teaches brackets (7) constructed to receive said coin loading device for storage, such that “holder 1... can be retained in the operative position stably” (para 0069 lines 4-5).

It would have been obvious to one of ordinary skill in the art at the time of applicants' invention to have modified the stand of Schnitzspahn to include the brackets taught by Yamaguchi for the purpose of retaining the coin-loading device, in a position stably.

Allowable Subject Matter

5. Claims 2, 3, 6 and 7 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

6. Claim 8 is allowed.

Response to Arguments

7. Applicant's arguments filed 3-24-2008 have been fully considered but they are not persuasive relative to the Schnitzspahn reference. Applicants stated, "As the feed tube of Schnitzspahn moves freely along the rail past the upwardly projecting lugs, the Applicants submit that Schnitzspahn cannot describe a funnel constrained from sliding movement..." Examiner disagrees and as discussed above contends that the claim language in question is functional and that Schnitzspahn is readily capable of functioning this manner, as the funnel of Schnitzspahn is capable of being constrained. Possible claim limitations regarding this rejection are discussed in paragraph 2 of this office action.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark Hageman whose telephone number is (571) 272-3027. The examiner can normally be reached on M-F 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Mackey can be reached on (571) 272-6916. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Patrick H. Mackey/
Supervisory Patent Examiner, Art
Unit 3653

MCH